

REMARKS/ARGUMENTS

Claims 1, 2, 6-16 and 22-27 were rejected under 35 U.S.C. 102(e) as being anticipated by US2002/0091225 A1 to McGrath et al. However, McGrath fails to identically disclose or suggest Applicants' claimed invention.

Again, the Examiner's attention is respectfully directed to independent claim 1 directed to a product comprising a block copolymer wherein the first segment of the block copolymer has a general formula including a single aromatic ring with Y attached that repeats M times where M may be between 5 and 200.

The Examiner's attention is also respectfully directed to claim 6 which depends from claim 1 and describes a second segment of the block copolymer having a general formula including a single aromatic ring with X extending therefrom that may repeat N times where N ranges from 5 to 200.

The Examiner's attention is also respectfully directed to independent claim 13 which calls for a product comprising a block copolymer wherein a second segment of the block copolymer has a formula including a single aromatic ring with X attached thereto that repeats N times where an N may range from 5 to 200.

Similarly, claims 14-16 and 22-27 each define segments of a block copolymer including a general formula including a single aromatic ring with either X or Y attached thereto that repeats 5 to 200 times.

Finally, each of the first and second segments of the block copolymer has end groups including an aromatic ring having Q and Z, or G attached thereto.

All of the structures shown in McGrath include polymers having 2 aromatic rings connected together by an SO₂ group. This does not identically disclose a block copolymer having a repeating segment having a single aromatic ring with X or Y attached

thereto as set forth in Applicant's claims. Further, McGrath does not identically disclose the end group for each segment which includes Q and Z, or G as set forth in Applicant's claims. Applicants also point out that Applicants' claims are directed to block copolymers and Applicants' disclosure enables a person skilled in the art how to make the block copolymers. The disclosure of McGrath appears to be directed to random polymerization and includes no teaching to those skilled in the art how to make block copolymers using diphenyl sulfone groups disclosed therein. As such, McGrath neither identically discloses nor suggests Applicants' claimed invention. No prima facie case of anticipation has been established.

In view of the above remarks, Applicants respectfully request allowance of all the claims now in the case.

Respectfully submitted,

REISING, ETHINGTON, BARNES, KISSELLE, P.C.

A handwritten signature in black ink, reading "Cary W. Brooks". The signature is written in a cursive, flowing style. Below the signature is a horizontal line.

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